

DETERMINING ANALOG ERROR USING PARALLEL PATH SAMPLING

ABSTRACT OF THE DISCLOSURE

A method for determining analog error of a signal includes receiving an input signal and sampling the input signal to generate a first sampled signal. The method also includes communicating the first sampled signal using a first communication path and a second communication path and sampling the first sampled signal from the first communication path to generate a second sampled signal. The method further includes converting the first sampled signal from the second communication path into a digital signal, storing the digital signal using a digital memory, comparing the second sampled signal to the digital signal, and determining an analog error of the input signal based on the comparison.